

SEQUENCE LISTING

<110> Tohyama, Masaya
Yamashita, Toshihide

<120> COMPOSITION AND METHOD FOR NERVE REGENERATION

<130> 59150-8023.US00

<140> Not Yet Assigned

<141> Filed Herewith

<150> US 10/427,741

<151> 2003-04-30

<150> JP 2003-92923

<151> 2003-03-28

<160> 27

<170> PatentIn version 3.1

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<211> 45

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Degenerate Sequence

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<221> misc feature

<222> 12, 15, 18, 36, 39

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<223> Synthetic Sequence

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<213> Homo sapien

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 <213> Homo sapien

<400> 4

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 <213> Homo sapien

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Arg Lys Tyr Lys Glu Ala Leu Leu Gly Arg Val Ala Val Ser Ala Asp
50          55          60
Pro Asn Val Pro Asn Val Val Thr Gly Leu Thr Leu Val Cys Ser
65          70          75          80
Ser Ala Pro Gly Pro Leu Glu Leu Asp Leu Thr Gly Asp Leu Glu Ser
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Pro Val Glu Glu Ala Pro Lys Gly Met Leu Ala Arg Gly Ser Tyr Ser
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<212> DNA

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<213> Rattus norvegicus

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<211> 626

<212> PRT

<213> Rattus norvegicus

<400> 8

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 <212> PRT
 <213> Mus musculus

<400> 10

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 50 55 60
 Asp Tyr Asp Arg Leu Arg Pro Leu Ser Tyr Pro Asp Thr Asp Val Ile
 65 70 75 80
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 115 120 125
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<400> 14

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<220>
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<210> 16

<211> 3259

<212> DNA

<213> Rattus norvegicus

<400> 16

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 <212> PRT
 <213> Rattus norvegicus

<400> 17

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 <212> DNA
 <213> Homo sapien

<400> 18
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 <212> PRT
 <213> Homo sapien

<400> 19

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Thr	Asp	Val	Arg	Arg	Lys	Glu	Lys	Glu	Asn	Arg	Lys	Leu	His	Met		1055	1060		1065
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Lys	Pro	Leu	Trp	His	Met	Phe	Lys	Pro	Pro	Pro	Ala	Leu	Glu	Cys		1280	1285		1290
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Glu	Glu	Ile	Ile	Ala	Pro	Cys	Lys	Val	Tyr	Tyr	Asp	Ile	Ser	Thr		1310	1315		1320
Ala	Lys	Asn	Leu	Leu	Leu	Leu	Ala	Asn	Ser	Thr	Glu	Glu	Gln	Gln		1325	1330		1335
Lys	Trp	Val	Ser	Arg	Leu	Val	Lys	Lys	Ile	Pro	Lys	Lys	Pro	Pro		1340	1345		1350
Ala	Pro	Asp	Pro	Phe	Ala	Arg	Ser	Ser	Pro	Arg	Thr	Ser	Met	Lys					

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<210> 22
 <211> 495
 <212> DNA
 <213> Homo sapien

<400> 22
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<210> 23
 <211> 164
 <212> PRT
 <213> Homo sapien

<400> 23

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			20					25					30		
Asp	Cys	Asp	Ala	Leu	Met	Ala	Gly	Cys	Ile	Gln	Glu	Ala	Arg	Glu	Arg
		35					40					45			
Trp	Asn	Phe	Asp	Phe	Val	Thr	Glu	Thr	Pro	Leu	Glu	Gly	Asp	Phe	Ala
	50					55					60				
Trp	Glu	Arg	Val	Arg	Gly	Leu	Gly	Leu	Pro	Lys	Leu	Tyr	Leu	Pro	Thr
65					70					75					80
Gly	Pro	Arg	Arg	Gly	Arg	Asp	Glu	Leu	Gly	Gly	Gly	Arg	Arg	Pro	Gly
				85					90					95	
Thr	Ser	Pro	Ala	Leu	Leu	Gln	Gly	Thr	Ala	Glu	Glu	Asp	His	Val	Asp
			100					105					110		
Leu	Ser	Leu	Ser	Cys	Thr	Leu	Val	Pro	Arg	Ser	Gly	Glu	Gln	Ala	Glu
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Thr	Ser	Met	Thr	Asp	Phe	Tyr	His	Ser	Lys	Arg	Arg	Leu	Ile	Phe	Ser
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<210> 24
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> substrate

<400> 24

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<210> 25
 <211> 72
 <212> PRT
 <213> Human adenovirus type 1

<400> 25

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Gln	Pro	Lys	Thr	Ala	Cys	Asn	Asn	Cys	Tyr	Cys	Lys	Val	Cys	Cys	Phe
			20					25					30		
His	Cys	Gln	Val	Cys	Phe	Thr	Lys	Lys	Gly	Leu	Gly	Ile	Ser	Tyr	Gly
		35					40					45			
Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg	Ala	Pro	Gln	Asp	Ser	Gln	Thr
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<210> 26
 <211> 3305
 <212> DNA
 <213> Rattus norvegicus

<400> 26

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tccac						3305

<210> 27
 <211> 672
 <212> PRT
 <213> Rattus norvegicus

<400> 27

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Val	Arg	Asp	Ala	Lys	Asn	Leu	Ile	Pro	Met	Asp	Pro	Asn	Gly	Leu	Ser
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Lys	Gln	Lys	Thr	Lys	Thr	Ile	Arg	Ser	Thr	Leu	Asn	Pro	Gln	Trp	Asn
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Glu	Ser	Phe	Thr	Phe	Lys	Leu	Lys	Pro	Ser	Asp	Lys	Asp	Arg	Arg	Leu
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Ser	Val	Glu	Ile	Trp	Asp	Trp	Asp	Arg	Thr	Thr	Arg	Asn	Asp	Phe	Met
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Thr	Phe	Cys	Gly	Thr	Pro	Asp	Tyr	Ile	Ala	Pro	Glu	Ile	Ile	Ala	Tyr			
		500						505					510					
Gln	Pro	Tyr	Gly	Lys	Ser	Val	Asp	Trp	Trp	Ala	Tyr	Gly	Val	Leu	Leu			
		515					520					525						
Tyr	Glu	Met	Leu	Ala	Gly	Gln	Pro	Pro	Phe	Asp	Gly	Glu	Asp	Glu	Asp			
	530				535					540								
Glu	Leu	Phe	Gln	Ser	Ile	Met	Glu	His	Asn	Val	Ser	Tyr	Pro	Lys	Ser			
	545				550				555						560			
Leu	Ser	Lys	Glu	Ala	Val	Ser	Ile	Cys	Lys	Gly	Leu	Met	Thr	Lys	His			
			565						570					575				
Pro	Ala	Lys	Arg	Leu	Gly	Cys	Gly	Pro	Glu	Gly	Glu	Arg	Asp	Val	Arg			
		580					585						590					
Glu	His	Ala	Phe	Phe	Arg	Arg	Ile	Asp	Trp	Glu	Lys	Leu	Glu	Asn	Arg			
		595					600					605						
Glu	Ile	Gln	Pro	Pro	Phe	Lys	Pro	Lys	Val	Cys	Gly	Lys	Gly	Ala	Glu			
	610					615					620							
Asn	Phe	Asp	Lys	Phe	Phe	Thr	Arg	Gly	Gln	Pro	Val	Leu	Thr	Pro	Pro			
	625				630					635					640			
Asp	Gln	Leu	Val	Ile	Ala	Asn	Ile	Asp	Gln	Ser	Asp	Phe	Glu	Gly	Phe			
			645						650					655				
Ser	Tyr	Val	Asn	Pro	Gln	Phe	Val	His	Pro	Ile	Leu	Gln	Ser	Ala	Val			
			660					665					670					